

ECS Configuration Change Request

Page 1 of

Page(s)

1. Originator Steve Haupt	2. Log Date: 7 MAR 00	3. CCR #: 00-0255	4. Rev: -	5. Tel: (301) 925-1137	6. Rm #: 2044E	7. Dept. SE
8. CCR Title: UNIX Configuration Parameters B/L						
9. Originator Signature/Date <i>Steve Haupt</i> 3/7/00		10. Class II	11. Type: CCR	12. Need Date: 4/1/00		
13. Office Manager Signature/Date <i>Walter McBride</i> 04/20/00		14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: 910-TDA-015 (retire), 920-TDx-015 (Suns), 920-TDx-016 (SGIs), 920-TDx-017 (HPs), 920-TDx-018 (Memory). (All TDx's are <i>NEW</i>)		17. Schedule Impact: Routine		18. CI(s) Affected: N/A		
19. Release Affected by this Change: N/A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The Operating Systems configuration parameters for all ECS hosts are not baselined. This CCR and associated documents will baseline these O/S parameters. The parameters need to be baselined so they are visible, and to provide more assurance that the equivalent hosts' custom code will function in the same manner.						
24. Proposed Solution: (use additional sheets if necessary) Scripts are written which capture all of the DAAC, VATC, and PVC hosts' O/S configuration parameters. These read values will be the initial version for the baseline. These same scripts will be part of the process to audit the parameters to the baseline. Automation is required as there are about 40,000 parameters on 210 hosts. Changes to these baseline parameters should be performed using the existing CCR process. 98% of these parameters are the default values. 2% have been tailored for the ECS program.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Programmatic risks continue by not ensuring that all configurable items of ECS are not baselined or known. This CCR removes one more configuration unknown.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments: <i>RENAME TO "UNIX KERNEL CONFIGURATION PARAMETERS"</i>			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Byron J. Peters</i> 4/24/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>Walter McBride</i> 4/20/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

CM01JA00

ECS/EDF/SCDV/M&O

ORIGINAL